## JP 010-28,790 [Claims only, as requested]

Code: 5000-72382

## JAPANESE PATENT OFFICE PATENT JOURNAL KOKAI PATENT APPLICATION NO. HEI 10[1998]-28790

Int. Cl.6:

D 06 F 35/00

Application No.:

Hei 8[1996]-207764

Application Date:

July 17, 1996

Publication Date:

February 3, 1998

No. of Claims:

9 (Total of 9 pages; FD)

Examination Request:

Not requested

## AUXILIARY UTENSIL FOR LAUNDRY

Inventors:

Futoshi Teranishi

Kao K.K. Research Laboratory 1334 Minato, Wakayama-shi,

Wakayama-ken

Kuniyoshi Shigematsu

Kao K.K. Research Laboratory 1334 Minato, Wakayama-shi,

Wakayama-ken

Isao Yamada

Kao K.K. Research Laboratory 1334 Minato, Wakayama-shi,

Wakayama-ken

Applicant:

000000918

Kao K.K.

Chuo-ku, Tokyo

Agent:

Susumu Nemoto

## Claims

1. An auxiliary utensil for laundry characterized by the fact that a water-permeable member composing a laundry storage space is provided on the interior of the wash tub of a washing machine,

the water-permeable member is composed by coupling the net on the front surface having flexibility and the net on the back surface having flexibility and arranged by being separated from the net on the front surface so as to be relatively elastically displaceable, and

the relative displacement of the water-permeable member with respect to the wash tub is capable of being regulated.

2. An auxiliary utensil for laundry noted in Claim 1, characterized by the fact that multiple linear parts capable of elastically flexing and deforming are provided.

the two nets are made relatively elastically displaceable by one end of each linear part being coupled to the net on the front surface,

and the other end being coupled to the net on the back surface, and a space is mutually formed between the linear parts.

- 3. An auxiliary utensil for laundry noted in Claim 1 or 2, characterized by the fact that the laundry can be placed in with the water-permeable member.
- 4. An auxiliary utensil for laundry noted in Claim 3, in which the water-permeable member is attached to a ring-shaped member of greater rigidity than the water-permeable member and the relative displacement of the water-permeable member with respect to the wash tub is capable of being regulated by pressing the ring-shaped member to the inner circumference of the wash tub.
- 5. An auxiliary utensil for laundry noted in Claim 3 or 4 which provided a pair of water-permeable members, the relative displacement of the water-permeable members with respect to the wash tub is capable of being regulated by the respective outer circumference of each water-permeable member being attached to a ring-shaped member of greater rigidity than the water-permeable member and pressing the ring-shaped member to the inner circumference of the wash tub, the two ring-shaped members are capable of being mutually coupled so that the laundry can be placed between the two water-permeable members, and a tensile force can be applied on the laundry according to the relative elastic displacement of each water-permeable member interposed with the laundry to the front and back surface net.

- 6. An auxiliary utensil for laundry noted in Claim 5, in which an opening which is larger than the mesh of the nets is formed between the two ring-shaped members in the coupled state of the two ring-shaped members.
- 7. An auxiliary utensil for laundry noted in one of Claims 4-6, in which the ring-shaped members have elasticity and the relative displacement of the water-permeable member with respect to the wash tub can be regulated by pressing the ring-shaped member having been elastically deformed to the inner circumference of the wash tub.
- 8. An auxiliary utensil for laundry noted in Claim 7, in which the water-permeable member is constructed to be foldable and the ring-shaped member is constructed to be elastically bendable and twistable.
- 9. An auxiliary utensil for laundry noted in one of Claims 1-8, in which the relative displacement of the water-permeable member with respect to the wash tub is regulated by being held to the inner circumference of the wash tub via a suction cup.